

ABSTRACT

A microsphere which is excellent in chemical durability and capable of emitting a radiation for a long period of time in the body, and has a diameter of 1 to 100 5 μm , characterized in that it comprises not less than 99% by weight of an oxide crystal containing 47% by weight or more of radioactive yttrium, such as Y_2O_3 and YPO_4 , and the balance of inevitable impurities.